

ABSTRACT

A method is provided for communicating between an electronic tag and at least two base stations, the electronic tag including a memory for storing a code having a plurality of levels, an apparatus for reading out a series of code values, at least one antenna for communicating with a base station, and a controller for responding to a read query from a base station by causing the read-out apparatus to read out the code values at at least one level, causing an antenna to transmit back a response signal and altering the code in the memory in response to a write query from a base station. In a write step, the electronic tag passes close to the first base station, and a base station proximity value is written into a predetermined code level. A transmission step is carried out when the electronic tag passes close to the second base station.